Tandberg
SLR75

Reliability and compatibiliy with SLR technology

New Capacity

Tandberg's SLR75 provides small to medium size businesses a much stronger value proposition than other low end tape drive technologies by offering better price performance, reliability and future scalability. SLR75 meets the demands of entry level server storage requirements today and for the future as entry level hard drive capacities grow.

Reliability and Scalability

With the SLR100 and 50/100* GB available in the market today and the future SLR140 tape drive with 70/140GB, small to medium size business's have "peace of mind" that their tape drive technology investment can grow with their future storage requirements. In addition, SLR has the industries leading reliability with a failure rate of less than 2% lowering the total cost of ownership.

SLR75 is compatible with all major operating systems, third party software applications and PC platforms. The Tandberg SLR75 secures your investment, future capacity and performance needs. Offering one of the most scalable tape storage technologies available combined with backward compatibility to previous SLR products.

Configurations

The Tandberg SLR75 is available as a complete turnkey solution includ award winning Computer Associates BrightStor ArcServe PC server application software for Windows NT, Windows 2000, 2003 and Novell Netware or as a drive kit including cable, media, cleaning cartridge and user guide (without software).

* assuming 2:1 data compression

Product Highlighs

The SLR75 provides for high end NT/UNIX Workstations, entry level NetWare and Windows NT/2000, 2003 small business servers, and small NT/UNIX midrange computers an affordable, highly reliable, high performance/capacity solution offering future scalability and backward compatibility.

- **Up to 75 GB* with 28,8 GB*/hr transfer rate**
- **Built on the well proven platform**
- **Scalability to SLR100 und SLR140****
- **Backward compatible to SLR60, SLR50, SLR40, SLR32,**
- **SLR24, SLR7, SLR5, SLR4**
- **Integrated Media Management to monitor the quality of the tape**
- **Auto Sensing transfer rate**
- **Added security withTapeAlertTM**
- **Broad platform, operating system and 3rd party tape application support**
- **3-year warranty**

TANDBERG DATA
Securing your Information

Specification

Tandberg SLR75

Drive			**Tandberg SLR75**
Capacity	Native / Compressed:		38GB / 75 GB*
Buffer Size:			8 MB
Transfer Rate	Native/sustained:		4 MB/s, 3 MB/s
	Compressed/sustained:		8.0 MB/s (28.8 GB/hr), 6.0 MB/s (21.6 GB/h r)
	Burst:		40 MB/s
File Access Time:			< 68 sec
Media Load Time:			< 30 sec
System Interface:			SCSI-3, Multimode Wide Ultra (SE)/Ultra2 (LVD) [1]
Tape Alert Compliant:			YES
Drive Warranty:			3 Year Factory
Format,Compatibility and Media			
Recording Format:			ALRF-1 (Advanced Linear Recording Format)
Encording/Decoding:			VR[2] RLL
Number of Tracks:			192 data tracks (+24 servo tracks)
Written bit density:			152.4 kfci
Backward Write:			SLR75, SLR60, SLR50, SLR40
Backward Read:			SLR75, SLR60, SLR50, SLR40, SLR32, SLR24, SLR7, S LR5, SLR4
Media:			SLRtape 75
Media Data Retention (Archival Life):			>20 years
Reliability and Error Correction			
Hard Read Error Rate:			< 10^{-17}
Reed Solomon ECC:			Level 10
Mean Time Between Failure (MTBF)	Hours:		300 000 (20% duty cycle)
Mean Time To Repair (MTTR):			< 30 min
Tape Motion			
Tape Speed	Read/Write:		51.7 or 70.0 ips auto selected depending o n tape format and host transfer rate
	Wind/Rewind:		103 ips
Start/Stop Time (typical at 70.0 ips)			360 ms / 220 ms
Dimensions		**Internal Drive**	**External Drive**
		-5.25-inch half height (HH)-	
		Height: 1.732 in (44 mm)	Height: 2.5 in (59 mm)(64,5 mm) [2]
		Width: 5.905 in (150 mm)	Width: 8.1 in (198 mm)(205 mm)[2]
		Depth: 8.583 in (218 mm)	Depth: 10.5 in (257 mm)
		Weight: 2.4 lb (1.1 kg)	Weight: 9.02 lb (2.6 kg)
Power Requirements (Typical)		**Internal Drive**	**External Drive**
Power Consumption:		+5VDc rxcl. bus terminator 1.5 / 1.2 A (sleep mode)	N/A
		+12VDC motor not running 100 mA	N/A
		+12Vdc motor running 1.3 A	N/A
	Standby:	7.2 W / Running: 23.1 W	N/A
		N/A	100-240 Vac / 0.6-0.3 A, 50-60 Hz
Voltage Variations:		+5Vdc +/- 5% including 125 mV max. ripple	N/A
		+12Vdc +/- 10% including 200 mV max. ptp ripple	N/A
Evironmental Specifications			
Temperature: Operating (Storage):		+5 °C to +40°C / +41°F to +104°F (-30°C to +60°C / -22°F to +104°F)	
Relative Humidity: Operating (Storage):		20 to 80% (5 to 95%)	
Maximum Wet Bulb Temperatur:		+26°C / +79°F	
Altidude-Feet (m):		Operating: 13,000 Feet (4,000 m); Transport: 40,000 Feet (12,200 m)	
Regulatory Agency Approvals:		UL 1950, CAN/CSA-C22.2 No 950, EN 60950, IEC 60950, AS/NZS 3548, EN 55022 (CISPR22); FCC part 15 Class B, ICES-003, VCCI, EN55024, CE, C-T ick	

**Assuming 2:1 Data Compression. [1]Burst transfer rate is limited to 40 MB/s (20 megatransfer), [2] With rubber feet Internal drive ability to meet specifications is dependant on installation configuration*

SLR™

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